

# 4PR60C / 8252W

The 4PR60C/8252W is intended for pulse modulator service in circuits employing inductive or resistive loads. This tube unilaterally replaces the 715C, the 5D21 and the 4PR60B/8252. The internal structure of the tube has been strengthened to minimize the effects of shock and vibration. The 4PR60C/8252W has a maximum plate dissipation rating of 60 watts, and is cooled by radiation and convection, and delivers pulse output power in the region of 300 kW with less than one kW of pulse driving power.



## CHARACTERISTICS

Plate Dissipation (Max.)	60 Watts
Screen Dissipation (Max.)	8 Watts
Grid Dissipation (Max.)	1 Watts
Frequency for Max. rating (CW)	N/A
Amplification Factor	N/A
Filament/Cathode	Oxide Coated
Voltage	26.0 Volts
Current	2.1 Amps
Capacitance	Grounded Cathode
Input	43.0 pf
Output	8.5 pf
Feedthrough	1.5 pf
Capacitance	N/A
Input	N/A
Output	N/A
Feedthrough	N/A
Cooling	Radiation and Forced Air
Base	4-Pin Special
Air Socket	N/A
Air Chimney	N/A
Boiler	N/A
Length	6.00 in; 152.40 mm
Diameter	3.06 in; 77.90 mm
Weight	12 oz; 0.34 kg

Class of Operation	Type of Service	MAXIMUM RATINGS		TYPICAL OPERATION				
		Plate Voltage (Volts)	Plate Current (Amps)	Plate Voltage (Volts)	Screen Voltage (Volts)	Plate Current (Amps)	Drive Power (Watts)	Output Power (kiloWatts)
---	Switch Tube or PULSE Modulator	20,000	18.0	20 000	1,250	18.0	---	337.0

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.



**For information** on this and other CPI MPP products, visit our website at: [www.cpii.com](http://www.cpii.com), or contact: CPI Microwave Products Division, Eimac Operation, 607 Hansen Way, Palo Alto, CA 94303  
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